

Product Specifications
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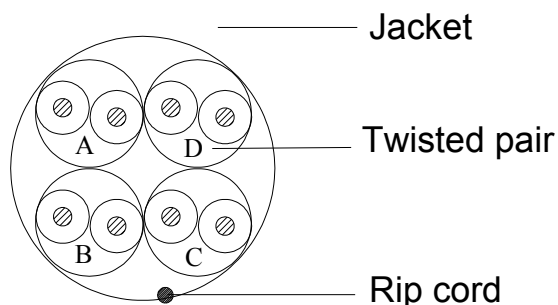
SCP Part#: CAT5-LWSKEW	Description: CAT5 UTP TYPE ULTRA LOW SKEW- RGB ANALOG VIDEO- 24 AWG SOLID 4PR UTP, CMR, PVC JKT- BLUE - 1000 FT BOX	
Edition B	Est. Date 2013/03/08	Rev Date 2013/06/21
Approval Richard	Checked Andrew	Finish Jennifer

Standard:

UL 444, UL, c(UL) CMR FT4
This cable is NEC rated for general purpose communications,
in accordance with Article 900.

Application:

Component RGB Video over UTP cable



Construction Characters:

Conductor	Material	Solid Bare Copper
	Size	24AWG X 4P
	Construction	1/0.50±0.004mm
Insulation	Material	HDPE
	Min. Thickness	0.188mm
	AVG. Thickness	0.205mm
	Diameter	0.91±0.01mm
	Colors	Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Jacket	Material	PVC
	AVG. Thickness	0.60mm
	Min. Thickness	0.54mm
	Diameter	5.10±0.10mm
	Rip Cord	Nylon
	Colors	Per request

Electrical & Physical Characters:

rating	75°C 300V		
Conductor Resistance	Max 93.8ohm/km at 20°C		
Dielectric Strength	Min AC1.5KV		
Spark Test	5.0KV		
AC Leakage Current Through overall Jacket	AC 1500V ≤10mA		
Insulation	Unaged	Tensile Strength	16.5 Mpa
		Elongation	500%
	Aged	Tensile Strength	14.2 Mpa(100°C 168h)
		Elongation	250%(100°C 168h)
Jacket	Unaged	Tensile Strength	13.8 Mpa
		Elongation	150%
	Aged	Tensile Strength	11.7 Mpa(100°C 168h)
		Elongation	80%(100°C 168h)
Cold Bend Test	-20°C 4hours No Cracking		
DC Resistance Unbalance	Max 5%		
Pair-to-Ground Capacitance Unbalance	Max 3300pF/km		
Characteristic Impedance	1~350MHZ 100±15OHM		
Nominal Velocity of Propagation (%)	67~69		
Propagation Delay	350MHZ Max 536ns/100m		
Delay Skew	1~350MHZ Max 2.2ns/100m		

Packaging:

Approx. Weight(kg)	10.45
Approx. Dimensions	335X260X350
package	1000 ft/Box
Packages per Pallet	36

Marking:

STRUCTURED CABLE PRODUCTS --- P/N
CAT5E-LWSKEW --- 4 PR 24 AWG UTP FOR
RGB ANALOG VIDEO TRANSMISSION CMR
FT4 75C -- CE EU RoHS EC ZONE/DEVICE
A B C D E 0 1 2 3 4 5 6 7 8 9 XXXXFEET

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Performance:

ITEM Frequency	Attenuation Max (dB/100m)		RL Min (dB)
1	2.0	1.9	20.0
4	4.1	3.6	23.0
8	5.8	5.1	24.5
10	6.5	5.6	25.0
16	8.2	7.2	25.0
20	9.3	8.0	25.0
25	10.4	8.9	24.3
31.25	11.7	9.9	23.6
62.5	17.0	14.4	21.5
100	22.0	18.8	20.1
155	28.1	22.8	18.8
200	32.4	25.7	18.0
300	41.0	31.6	16.8
350	44.9	34.4	16.3